

CLAIMS

1. An outdoor unit (2) of an air conditioner which is partitioned into a fan chamber (S1) disposed with a fan (27) and a machine chamber (S2) other than the fan chamber and in which a heat-emitting part (52) is disposed, the outdoor unit (2) comprising:
 - 5 a casing (60) that is disposed inside the fan chamber (S1), is disposed with openings (71b), and houses inside the heat-emitting part (52); and
 - a impermeable plate (91) that is disposed in the casing (60) between a position where the openings (71b) are disposed and a position where the heat-emitting part (52) is housed, and through which it is more difficult for water to pass than air.
- 10 2. The outdoor unit (2) of an air conditioner of claim 1, wherein the casing (60) is disposed in an upper portion of the fan chamber (S1).
3. The outdoor unit (2) of an air conditioner of claim 1 or 2, further comprising an electrical parts unit (40) that is disposed inside the machine chamber (S2) and is for disposing electrical parts (42) other than the heat-emitting part (52).
- 15 4. The outdoor unit (2) of an air conditioner of claim 3, wherein the casing (60) is disposed inside the fan chamber (S1) at the side opposite from the side near the machine chamber (S2).
5. The outdoor unit (2) of an air conditioner of any one of claims 1 to 4, further comprising a fan base (28a) for disposing the fan (27) in the fan chamber (S1), wherein the
- 20 casing (60) is attached to the fan base (28a).
6. The outdoor unit (2) of an air conditioner of any one of claims 1 to 5, wherein the impermeable plate (91) includes protruding portions (91a) that protrude in a direction from the portion housing the heat-emitting part (52) toward the openings (71b) in the casing, and
- 25 the protruding portions (91a) include, in their lower end portions, water-stopping holes (91b) that allow the space in the vicinity of the heat-emitting part (52) and the space in the vicinity of the openings (71b) of the casing to be communicated in a vertical direction.
7. The outdoor unit (2) of an air conditioner of claim 6, wherein the openings (71b) in the casing (60) are intake ports that take in, to the inside of the
- 30 casing (60), air outside the casing (60), and
- the casing (60) further includes a discharge port (O4) that discharges, to the outside, air passing through the water-stopping holes (91b) in the impermeable plate (91).
8. The outdoor unit (2) of an air conditioner of any one of claims 1 to 7, wherein the heat-emitting part (52) is disposed at a position with a predetermined height from a bottom

surface (79) of the casing (60).

9. The outdoor unit (2) of an air conditioner of any one of claims 1 to 8, wherein the heat-emitting part (52) is a reactor used in an inverter circuit for conducting air-conditioning control.